

Application No.: 09/706.503
Amendment dated: October 21, 2004
Reply to Office Action of June 16, 2004
Attorney Docket No.: 0016.5US1

Replace the Abstract of the Disclosure beginning at page 29, line 1, in the specification as originally filed, with the following rewritten Abstract of the Disclosure:

~~--Detecting and Preventing Undesired Network Traffic
From Being Sourced Out Of A Network Domain~~

ABSTRACT OF THE DISCLOSURE

The present invention provides for a novel approach to protecting a system owner's system(s) from being exploited ~~in~~ and providing involuntary assistance to a DOS attack. The present invention provides the protection by detecting and preventing undesirable or inappropriate network traffic from being sourced from a network domain. More specifically, a monitor/regulator is provided to monitor network traffic leaving a network domain. The monitor/regulator determines if undesirable/inappropriate network traffics are leaving the network domain based on the observed characteristics of the outbound and inbound network traffics. If it is determined that undesirable/inappropriate network traffics are leaving the network domain, the monitors/regulator, in one embodiment, at least warns system owners of the detection. In another embodiment, the monitors/regulator further issues regulation instruction(s) to boundary routing device(s) of the network domain(s), thereby preventing the network domain(s) from being exploited to source such undesirable/inappropriate network traffics.--